

District I  
PO Box 1984, Hobbs, NM 88241-1984  
District II  
PO Drawer DD, Artesia, NM 88211-8719  
District III  
1000 Rio Brumas Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, NM 87504-2088

Form C-101

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator name and Address Shell Western E&P Inc. P.O. Box 576 Houston, TX 77001		<sup>2</sup> OGRID Number 020676
<sup>4</sup> Property Code	<sup>5</sup> Property Name HOOVER 32	<sup>3</sup> API Number 30-0
		<sup>6</sup> Well Number 1

<sup>7</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	32	17S	35E		2231'	NORTH	385'	EAST	LEA

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
<sup>9</sup> Proposed Pool 1 NORTH VACUUM-ABO POOL					<sup>10</sup> Proposed Pool 2 VACUUM; DRINKARD				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3943' GL
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 9500'	<sup>18</sup> Formations ABO/DRINKARD	<sup>19</sup> Contractor NORTON	<sup>20</sup> Spud Date 9/15/96

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
24"	20"	CONDUCTOR	40'	60 SXS	SURFACE
17-1/2"	13-3/8"	48#	1600'	800 SXS	SURFACE
12-1/4"	8-5/8"	24# & 32#	4800'	900 SXS	SURFACE
7-7/8"	5-1/2"	15.5#	9500'	1300 SXS	4300'

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

BOP PROGRAM 2000# RAM PREVENTER.

SWEPI PLANS TO DRILL TO THE TOTAL DEPTH OF 9500' AND TEST THE ABO FORMATION. IN THE EVENT THAT SWEPI'S EVALUATION IS UNFAVORABLE, SWEPI PLANS TO PLUGBACK THE ABO FORMATION AND TEST THE DRINKARD FORMATION.

THIS PROPOSED WELL LOCATION IS UNORTHODOX FOR THE NORTH VACUUM-ABO POOL AND AN APPLICATION HAS BEEN SUBMITTED ON THIS DAY TO THE SANTA FE OFFICE FOR AN ADMINISTRATIVE APPROVAL OF THE PROPOSED UNORTHODOX WELL LOCATION FOR THE NORTH VACUUM-ABO POOL.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Yvonne T. Iverson</i>		OIL CONSERVATION DIVISION	
Printed name: YVONNE T. IVERSON		Approved by:	
Title: LAND REPRESENTATIVE		Title:	
Date: SEPTEMBER 11, 1996		Approval Date:	Expiration Date:
Phone: (713) 544-3226		Conditions of Approval: Attached <input type="checkbox"/>	